M.R.O. 1—77,000—8-6-37.

(1) Number of pages

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2192 Press/Mis.
220, 221, 222,

Dated 16-9- 1872

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
16th September 1872.

Read the following letters :—

No. 220. From the Superintending Engineer, 8th Division, to the Secretary to Government, Public Works Department, dated Madura, 26th July 1872, No. 1,970.

I HAVE the honour to submit, for the sanction of Government, a comparative statement and a revised estimate, amounting to Rupees 1,800, for constructing a wall round the cemetery at Anjengo. This revised estimate is submitted in lieu of the estimate of Rupees 1,045, sanctioned in G. O., No. 1,805, dated 8th July 1871, as the provisions in the sanctioned estimate (prepared in the 7th Division, Public Works Department,) are found to be insufficient on examination by Mr. Barton, the Chief Engineer of the Travancore Government.

1 Revised Estimate of Rupees 1,800.
1 Comparative Statement.

2. The excess in the revised estimate is owing to the increase in the quantities of laterite stone work and chunam plastering, and also to a slight increase of rates for those items, as will be seen by the comparative statement.

3. A sum of Rupees 20-8-0 has been expended towards the service in question during the last official year by the Travancore Chief Engineer, out of the sum of Rupees 1,045 remitted to that gentleman for carrying out the work, and the unexpended balance, namely, Rupees 1,024-8-0, is still available for the purpose.

4. Under these circumstances, I request that the Government will be pleased to allot the balance, namely, Rupees 755, for expenditure during the current official year from the reserve at their disposal under "Civil Buildings, Provincial," *vide* G. O., No. 1,429, dated 8th June 1872.

5. I have recently visited Anjengo and it is difficult to conceive a more melancholy sight than these dilapidated tombs present, when contrasted with the romantic interest that will ever attach to Anjengo. There remains but one grave with an inscription, and that is dated 1726, on a tomb erected to "Mary Walker, wife of Samuel Walker."

6. Away from the cemetery and close to the old fort on its north side, lies a slab, level with the ground with the inscription, "here lyes Deborah, the wife of John Braybourn, Commodo of Anjengo, deceased September 1704." The above are the only two inscriptions that could be pointed out to one.

No. 221. From the same Officer, dated Courtallum, 21st August 1872, No. 2,368.

IN reference to your memorandum No. 81, dated 7th instant, calling for a definite explanation as to the nature of the increase in the quantity of the laterite stone work included in the estimate of Rupees 1,800* for constructing a wall round the cemetery at Anjengo, I have the honour to report that, as the documents forwarded with your memorandum above quoted were not on the records of this office, I was not aware at the time of my visiting the cemetery that the

1 Estimate of Rupees 1,599.

* Forwarded with my letter No. 1,970, dated 26th July 1872.

question of area to be enclosed had already been discussed and settled in the manner laid down in G. O., Public Works Department, of the 18th November 1867, No. 3,553.

2. With his letter of the 23rd January 1872, No. 312, the Chief Engineer of Travancore forwarded to me a "revised estimate of Rupees 1,599 for constructing a compound wall and a gate to the burial-ground at Anjengo," with the remark that the original estimate "is on examination found to be insufficient."

3. Before submitting this estimate to Government for sanction, I thought it advisable to inspect the locality myself, and I accordingly did so on the 14th March 1872, in company with Executive Engineer Mr. Rundall; I then observed that four small brick pillars had been constructed a few inches above the ground to indicate the four corners of the proposed wall, and as it appeared to me that the space arranged to be enclosed was somewhat confined, and that the foundations of the wall were likely to interfere with some of the graves, I thought it advisable to increase the length of wall by 21 feet and its breadth by 22 feet.

4. It was about this time, as you may recollect, that the Resident of Travancore wrote requesting that this department would make their own arrangements for carrying out British works within the Travancore limits.

5. I accordingly revised Mr. Barton's estimate, not only by giving the additional dimensions to the wall as above noted, but also by providing pilasters at every 10 feet, in order to afford the wall increased stability.

6. Both the original and revised estimates appeared to me defective in this latter respect; for it must be conceded that a wall no less than 344 feet long, 5½ feet high, and 1 foot thick, built on a sandy soil, is scarcely safe without pillars.

7. In the meantime, after further correspondence between the Chief Engineer of Travancore and myself, Mr. Barton kindly consented to carry out the works we required at Anjengo and Tangacherry, and I accordingly forwarded him my revised estimate of Rupees 1,800, with a request that he would be obliging enough to proceed with the work in anticipation of the sanction of Government with the balance* of Rupees 1,024-8-0 at his disposal.

	RS.	A.	P.
*Amount sanctioned	1,045	0	0
Amount billed	20	8	0
Balance ...	1,024	8	0

8. I have, however, now written to Mr. Barton to be so kind as to defer taking any further action in this matter until he hears from me again on the subject, and I shall feel obliged, therefore, by your favouring me with definite instructions on this subject.

9. I forward herewith Mr. Barton's revised estimate amounting to Rupees 1,599, or Rupees 554 in excess of the original estimate. As the additional dimensions proposed by me add only one-tenth to its cost, I trust that the cemetery wall may be constructed in the manner suggested by me; for although it is quite true that, with the lesser dimensions, the whole of the tombs are embraced, yet the wall, if so built, cannot but have a mean and parsimonious appearance, and it is clear that, if the wall is to be built at all, it should surely not be constructed in such a manner as, by its skimpiness, to attract attention and invite remark.

Proceedings of the Madras Government, Public Works Department,
16th September **1872.**

No. 222. ORDER THEREON, 16th September 1872, No. 2,192.

CIVIL WORKS, No. 15.

THE revised estimate of Rupees 1,800 recommended for adoption in these letters is sanctioned, and the work should be carried out without further delay in anticipation of provision, in due time, of the balance of Rupees 755.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 8th Division.
,, Ecclesiastical Department.
,, Controller of Public Works Accounts.

Exd. E. C. Shunker.

No. 1970

Superint. Engineers Office 8th D.
Madura 26th July 1872.

From,
Lieutenant Colonel R. A. Roberts R.E.
Superintending Engineer
8th Division.

To,
Colonel G. W. Walker R.E.
Secretary to Government P.W.D.
Madras.

Sir,

Enclo. 2.
1. Revised Estimate of Rs. 1800
1. Comparative Statement.

I have the honor to submit for the sanction of Government a Comparative statement and a revised Estimate amounting to Rupees 1,800 for constructing a wall round the Cemetery at Anjengo. This revised Estimate is submitted in lieu of the estimate of Rupees 1045 sanctioned in G.O. No. 1805 dated 8th July 1871, as the provisions

in

in the sanctioned Estimate (prepared in the 7th Division P.W.D.) are found to be insufficient on examination by Mr Barton, the Chief Engineer of the Travancore Government.—

2. The excess in the Revised estimate is owing to the increase in the quantities of Laterite stone work and chunam plastering, and also to a slight increase of rates for those items, as will be seen by the Comparative Statement.—

3. A sum of Rupees 20-8-u. has been expended towards the service in question during the last Official year by the Travancore Chief Engineer, out of the sum of Rs 1045. remitted to that Gentleman for

carrying

carrying out the work, and the unexpended balance Viz. Rs 1024-8-4 is still available for the purpose.—

4. Under these circumstances I request that the Government will be pleased to allot the balance, Viz, Rs 755, for expenditure during the current Official year, from the Reserve at their disposal under "Civil Buildings Provincial" Vide G. O. No 1429 dated 8th June 1872.—

5. I have recently visited Anjengo and it is difficult to conceive a more melancholy sight than these delapidated tombs present, when contrasted with the romantic interest that will ever attach to Anjengo. There remains but one grave with an inscription,

and

and that is dated 1726 on a tomb erected to "Mary Walker wife of Samuel Walker." –

6. Away from the Cemetery and close to the old fort on its North side, lies a slab, level with the ground, with the inscription. "Here lyes Deborah the wife "of John Braybourn, Commodo of Anjengo. "... deceased September 1704." – The above are the only two inscriptions that could be pointed out to one. –

I have the honor to be,

Sir,

Your Most Obedt. Servt.

Richd. A. Roberts Lieut. Colo. R.E.

Superintg. Engineer 8th Dn.

Cmpd

[illegible]

9.

P. W. 1872 Dept.
From
Pro: of Govt. Pub. Works
No. 3066.
The Supd. Engineer
Pro for August
8 Division
To
The Secy. to Government
D. P. W.
Madras.
Dated 25th
Recd. 30th } July 1872
Encl. 2.

Submits for sanction a comparative statement and a revised Estimate of Rs. 1800, for constructing a wall round the cemetery at Anjengo, with certain explanation.

No. 81

No. 220

[illegible] 2 Aug/72 R. 7

No. 2192 - 16 Sept/72

...ment Showing the difference between Original and Reviso...
...compound wall to the Burial ground at Anjengo.

...k.	Measurement	Original Work: Quantities	Original Work: Rate	Original Work: Amount	Revised Estimate: Quantities	Revised Estimate: Rate	Revised Estimate: Amount	Revised E... Increase of original: Quantity	Increase of original: Amount	Quantities...
...pound-	100 c.ft	2352	.. 6 ..	8 13 1	4567½	.. 7 6	21 6 6	2215½	12 9 5	
	do	6272	13 3 ..	827 1 11	7927⅞	16	1268 5 5	1655⅞	441 3 6	
	100 Sq.ft	9408	1 8 ..	141 1 11	11227	3	336 12 11	1819	195 11 ..	
	c.ft	7	.. 12 ..	5 4 ..	7	.. 12 ..	5 4 ..			
	7 ft	31½	1	4 8 ..	31½	1	4 8 ..			
	c.ft	7	.. 8 ..	3 8 ..	7	.. 10 ..	4 6 ..		.. 14 ..	
	ft.	31½	.. 1 6	2 15 3	..	.. 2 ..	3 15 ..		.. 15 9	
...key				1 8 ..			2		.. 8 ..	
...tablishment and Contingencies				50 3 10			~~243 6 2~~ 153 6 2	..	~~193 2 4~~ 103 2 4	
Rupees				1045			~~1890~~ 1800		~~845~~ 755	
Deduct amount of Original Estimate sanctioned							- 1045			
Net Amount to be Sanctioned							755			

Rich. A. Roberts Lieut. Col. R.E.
Superintending Engineer

8th D.o Executiv...

Comparative Statement shewing
the difference between the Original
and Revised Estimates for
Constructing a Compound wall
to the Burial Ground at
Anjengo

Enclosure No. 2. In a letter from the Supdg. Engineer 8th Dn., dated 26th July 1872.

No. 1970.

To The Secretary to Govt.
P.W.D.
Madras

P.W. 3666/72.

Comparative statement

---

870 v 784

Pros 16th Sept/72 L. B. 220.

Revised

Detailed Estimate No of 1872-73

Trivandrum

Work Constructing a Compound Wall to the Burial Ground at Anjengo

Particulars of work	Measurements in feet: Length	Breadth	Depth	Contents
Foundation				
Pillars	$184\frac{7}{8}$	$2\frac{1}{8}$ ~~$2\frac{5}{8}$~~	$1\frac{1}{2}$	$589\ \frac{4\frac{5}{8}}{16}$
Walls between	$685\frac{1}{8}$	$1\frac{3}{4}$ ~~$2\frac{1}{4}$~~	$1\frac{1}{2}$	$1798\ \frac{7\frac{1}{8}}{16}$
Basement				
Pillars	$152\frac{1}{4}$	$1\frac{3}{4}$	1	$266\ \frac{7}{16}$
Walls between	$717\frac{3}{4}$	$1\frac{3}{8}$	1	$986\ \frac{14\frac{1}{2}}{16}$
Superstructure				
Pillars	$119\frac{5}{8}$	$1\frac{3}{8}$	4	$657\ \frac{15}{16}$
Walls between	$750\frac{3}{8}$	1	4	$3001\frac{1}{2}$
Coping:—				
Pillars	$152\frac{1}{4}$	$1\frac{3}{4}$	$\frac{1}{2}$	$133\ \frac{7}{32}$
Walls between	$717\frac{3}{4}$	$1\frac{3}{8}$	$\frac{1}{2}$	$493\ \frac{7\frac{1}{4}}{16}$
Laterite Stone in Chunam C. feet				$7927\frac{1}{8}$
Plastering				
Pillars	$152\frac{1}{4}$		$12\frac{3}{4}$	$1941\ \frac{3}{16}$
Walls between	$750\frac{3}{8}$		$12\frac{3}{8}$	$9285\ \frac{14\frac{1}{4}}{16}$
Plastering with Chunam Sq feet				$11227\ \frac{1\frac{1}{4}}{16}$
Earthwork				
Excavating foundation	870	$3\frac{1}{2}$	$1\frac{1}{2}$	$4567\frac{1}{2}$
Earthwork C. feet				$4567\frac{1}{2}$

Jno Rundall
Exe Engr

Revised
Abstract Estimate of 1872-73
Trevandrum
Work - Constructing a Compound wall to the Burial ground at Anjengo.

19

Quantity	Description of work	Rate	Amount	Total
7927 1/8	c. ft Laterite Stone in Chunam per 100 c. ft	16 " "	1268 5 5	
11227	Sq. ft Plastering with Chunam per Sqr	3 " "	336 12 11	
	Constructing a wooden Gate 9 ft long by 4 1/2 feet in high			
7	c. ft well seasoned wood @	" 12 "	5 4 "	
31 1/2	lb of Iron for Bolt and hinges &a for 7 lbs	1 " "	4 8 "	
	Carpenter's and Sawyer's hire per c. ft	" 10 "	4 6 "	
	Blacksmith's hire per pound	" 2 "	3 15 "	
1	Brass Padlock with key		2 " "	
4567 1/2	c. ft of Earth for excavating foundation per 100 c. feet	" 7 6	21 6 6	1646 9 10
	Extra Establishment and contingencies @ 10 per cent			~~164~~ 164 9 7
	~~Contingencies @ 5 per cent~~			~~153 6 2~~
				153 6 2
	Total Estimate Rupees.			1800 " " ~~1890~~

I do hereby certify that the above Estimate for constructing a Compound wall to Burial Ground at Anjengo amounting to Rs (1800 - " ") One thousand and Eight hundred provides for every thing necessary and that no Supplementary works will afterwards be required.

Rica A. Roberts
Lieut Coll
RE
Superintending Engineer
8th Dn

W. Rundall
Exe: Engineer
Pennavally

Estimate No. 15 of 1872

No 52 / 72-73 Trivandrum

No of 72-73

Estimate for Constructing a Compound wall to the Burial Ground at Anjengo

Estimate Rs 1800

Enclosure No. 1. In a let[ter]
from the Supt. Engineer
8th Dn. dated 26th July
1872.—

No. 1970

To The Secretary to Gov[ernment]
P.W. D[epartment]
Madra[s]

P.W. 3666/72.

Estimate for constructing
a compound wall to
the Cemetery at Anjengo

Pro. 16th Sept 72 In B No. 220.—

No 2368. Superintg. Engineer's Office 8th D.
Courtallum 21st August 1872.

From

Lieut. Colonel R. A. Roberts R.E.
Superintg. Engineer 8th Dn.,

To

Colonel G. W. Walker R.E.
Chief Engineer D.P.W.,

Sir,

Enclosure - 1
1 Estimate of Rupees. 1599

In reference to your Memo, No 81, dated 7 instant, calling for a definite explanation as to the nature of the increase in the quantity of the laterite stone work included in the estimate of Rupees 1800* for constructing a wall round the Cemetery at Anjengo, I have the honor to report that as the documents forwarded with your Memo above quoted were not on the records of this Office, I was not aware, at the time of my visiting the Cemetery, that the

* forwarded with my letter, No 1970, dated 26th July 1872.

question of area to be enclosed had already been discussed, and settled in the manner laid down in G. O. P. W. D, of the 18th November 1867, No 3353.

2. With his letter of the 23d January 1872, No 312, the Chief Engineer of Travancore forwarded to me a "revised estimate of Rs 1599 "for constructing a Compound wall "and a gate to the Burial ground "at Anjengo", with the remark that "the original estimate" is on examination "found to be insufficient".

3. Before submitting this estimate to Government for sanction, I thought it advisable to inspect the locality myself, and I accordingly did so on the 14th March 1872 in company with Ex: Engineer Mr Rundall I then observed that 4 small brick pillars had been constructed a few inches above the ground to indicate the four corners of the proposed wall, and as it

25

appeared to me that the space arranged
to be enclosed was somewhat confined
and that the foundations of the wall
were likely to interfere with some
of the graves, I thought it advisable
to increase the length of wall by
21 feet and its breadth by 22 feet.

4. It was about this time,
as you may recollect, that the
Resident of Travancore wrote requesting
that this Department would make
their own arrangements for carrying
out British works within the Travancore
limits.

5. I accordingly revised Mr
Barton's estimate not only by giving
the additional dimensions to the
wall as above noted, but also by
providing pilasters at every 10 feet,
in order to afford the wall increased
stability.

6. Both the original and

and revised estimates appeared to me defective in this latter respect; for it must be conceded that a wall no less than 344 feet long, 5½ feet high, and 1 foot thick, built on a sandy soil is scarcely safe without pillars.–

7. In the meantime, after further correspondence between the Chief Engineer of Travancore and myself, Mr Barton kindly consented to carry out the works we required at Anjengo and Tangacherry, and I accordingly forwarded him my revised estimate of Rupees 1800, with a request that he would be obliging enough to proceed with the work in anticipation of the sanction of Government with the balance* of Rupees 1024. 8 .. at his disposal.–

*Amount sanctioned Rs	1045 ..
Amount billed -- ..	20 - 8 .
Balance Rs	1024 - 8 ..

8. I have however now written to Mr Barton to be so kind

as to defer taking any further action in this matter until he hears from me again on the subject, and I shall feel obliged therefore by your favoring me with definite instructions on this subject.–

9. I forward herewith Mr Barton's revised estimate amounting to Rupees 1599, or Rupees 554 in excess of the original estimate.– As the additional dimensions proposed by me add only $\frac{1}{10}$th to its cost, I trust that the Cemetery wall may be constructed in the manner suggested by me; for although it is quite true that with the lesser dimensions the whole of the tombs are embraced – yet the wall, if so built, cannot but have a mean and parsimonious appearance and it is clear that if the wall is to be built at all, it should surely not be constructed in such

a manner as by its skimpiness to attract attention and invite remark.

I have the honor to be,
Sir,
Your Most Obdt servant,

Richd. J. Roberts Lieut: Col: R.E.
Superintg. Engineer 8th D.

Pro 18th Nov/67 No 341 · 342
" 7th Aug/72 — 31 Mis

P. W. 1872 Depart
No 2368
Pro: of 30th Sept
From No 4239.

The Superintending Engineer
8th Dn

To
The Chief Engineer
P. W. D

Dated 21st August 1872
Despatched 28th Do
Received 31st —
Enclosure 1.

Submits his explanation regarding the revised Estimate of Rupees 1,800 for constructing a wall round the Cemetery at Anjengo.—

No 2192-16th Sept/72

No 221
Desp'd to Acct 2d Sept/72

Anjengo Burial
Ground Costs

Revised Estimate of the Expense required for Constructing a Compound wall 784 feet long & 5½ feet high with a gate to the Burial ground at Anjengo—

Measurement L	W	H	Contents	Particulars	Price Rs As P	Rate	Amount Rs As P
784	3½	1½	4116	Cubic feet of Earth work for excavating foundation	. 7 6	100 cft	11 . .
784	2¼	1½	2646	Foundation to wall			
784	1¼	1	980	Basement to Do			
784	1	4	3136	Wall above			
784	1	½	392	Coping to wall			
		Total	7154	Total Cubic feet of Laterite in chunam	16 . .	100 cft	1145 . .
784	.	12	9408	Square feet of Plastering wall with one coat each of rough and fine Chunam	3 . .	100 sqft	282 . .
				Constructing a wooden gate 9 ft long by 4½ ft high			
			7	Cft of well seasoned jungle wood or of Anjelly [?]	. 12 .	1 cft	3 . .
			31½	lbs of Iron for bolts and hinges &c	1 . .	7 lbs	5 . .
				Carpenters & Sawyers hire	. 10 .	1 cft	3 . .
				Black smith's hire	. 2 .	1 lb	3 . .
			1	Brass Pad lock with key	. . .		2 . .
					Total		1454 . .
				Contingencies & Extra Establishment @	10 per cent		145 . .
					Total Rs Rupees		1599 . .

Chief Engrs Office
Trevandrum
23rd January 1872

[illegible]
Chief Engineer
Trav. Govt.

Comp[?]
A.V.[?]

33

Enclosure in a letter from the Superintending Engineer 8th Dn. to Chief Engineer P. W. D. No. 2368 dated 21st Augt. 1872.

P. W. 4239/72.

Revised Estimate of the expense required for constructing a Compound wall to the Burrial ground at Anjengo.

Rupees ——— 1597

Recd. 16 Sept/72 Sec B No. 221.

Civil Works

Public Works Departt.

No. 2192.

Proceedings of the Madras Government

Read the following

From The Supt Engr. 8th Dn. | H.E. No. 1970 d/26th July /72

From The Supt Engr. 8th Dn. } H.E. No. 2368 d/21st Augt. /72

The revised Estimate of Rs. 1800 recommended for adoption in these letters is sanctioned; and the work should be carried out without further delay in anticipation of provision, in ~~good~~ due time, of the balance of Rs. 755.

(Sd.) [illegible]

S. Engr. 8th Dn.

Ecclesiastical Deptt.

Civil W. ~~P.W.~~ Accts.

Despd. 21/9/72.

No. 220/222

No. 239

Govt. of {1872} Madras.

PUBLIC WORKS.

To The Superintending Engr.
8th. Division

Dated

Recd. Encl 3

G. O., 16th Septr 1872, No. 2192

Nos. 220 to 222

Cemetery at Anjengo.

Revised Estimate of Rs 1800 for constructing a wall round the Cemetery at Anjengo, sanctioned with remarks.